

SECTION 10520 - FIRE EXTINGUISHERS

City of San Diego, CWP Guidelines

PART 1 -- GENERAL

1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing fire protection equipment, cabinets, and appurtenant work, complete.

1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the Specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.
 - 1. Section 06100 Rough Carpentry
 - 2. Section 09200 Lathing and Plastering
 - 3. Section 09250 Gypsum Board

1.3 CODES

- A. The WORK of this Section shall comply with the current editions of the following codes as adopted by the City of San Diego Municipal Code:
 - 1. Uniform Building Code
 - 2. Uniform Fire Code

1.4 SPECIFICATIONS AND STANDARDS

- A. Except as otherwise indicated, the current editions of the following apply to the WORK of this Section:
 - 1. **Trade Standards:**
 - National Fire Protection Association, Standard No. 10, "Portable Fire Extinguishers"
 - Underwriter's Laboratory, Fire Protection Equipment List

1.5 SHOP DRAWINGS AND SAMPLES

- A. The following shall be submitted in compliance with Section 01300:
 - 1. Manufacturer's catalogue containing technical data, installation instructions, and details.

1.6 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. **Delivery of Materials:** Fire extinguishers and appurtenant materials shall be delivered in original unbroken packages or containers, bearing the manufacturer's label with manufacturer's name, product description, and rating.
- B. **Storage:** All materials shall be carefully stored in an area which is protected from deleterious elements as recommended by the material manufacturer. Storage shall be in a manner that will prevent damage to the material and its finish.

PART 2 -- PRODUCTS

2.1 GENERAL

- A. All fire protection equipment shall be from the same manufacturer [unless otherwise indicated] and shall meet the requirements of NFPA Standard No. 10, "Portable Fire Extinguishers"

2.2 FIRE EXTINGUISHERS

- A. Type A extinguisher shall be 20 lb minimum capacity, dry chemical type with minimum UL rating of 10-A:60-B:C, in enameled steel container, for Class A, Class B, and Class C fires.
- B. Type B extinguisher shall be 10 lb minimum capacity, dry chemical type with minimum UL rating of 4-A:60-B:C, in enameled steel container, for Class A, Class B, and Class C fires.
- C. Type C extinguisher shall be 14 lb minimum capacity, CleanGauard 14 Model CA-1481 with minimum UL rating of 2-A:10-B:C, in enameled seamless steel container, for Class A, Class B, and Class C fires.

2.3 CABINETS

- A. Fire extinguisher cabinet shall be semi-recessed steel cabinet with [clear] [dark bronze], anodized aluminum door and door frame, and projecting, convex, butyrate plastic, canopy type viewing door panel. The size shall be as necessary to hold fire extinguisher at cabinet location.

2.4 BRACKETS AND OTHER MATERIALS

- A. Mounting brackets shall be specially designed for extinguishers or cabinets.
- B. All other materials, not specifically described, but required for a complete and proper installation of fire fighting devices shall be as selected by the CONTRACTOR.

2.5 MANUFACTURERS

- A. Fire protection equipment shall be manufactured by one of the following (or equal):
 - 1. General Fire Extinguisher Corp.
 - 2. J.L. Industries
 - 3. Potter-Roemer

4. Standard Fire Equipment (Division of Zurn Co.)
5. Walter Kidde and Co.

PART 3 -- EXECUTION

3.1 INSTALLATION

- A. **Brackets:** All fire extinguishers shall be provided with and installed on brackets or brackets within cabinets. The CONTRACTOR shall block and reinforce the wall area as necessary to support the fire extinguishers.
- B. **Locations:** Fire protection equipment locations shall be verified with the CONSTRUCTION MANAGER and Fire Marshal before installation and shall be installed, where directed, per NFPA Standard No. 10, "Portable Fire Extinguishers."

**** END OF SECTION ****